#2

OIPE

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DATE: 12/19/2001
                     PATENT APPLICATION: US/10/005,983
                                                              TIME: 16:47:19
                     Input Set : A:\PTO.DC.txt
                     Output Set: N:\CRF3\12192001\J005983.raw
      4 <110> APPLICANT: Allen, Keith D.
      6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING PERK PROTEIN
              KINASE GENE DISRUPTIONS
     10 <130> FILE REFERENCE: R-517
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/005,983
    13 <141> CURRENT FILING DATE: 2001-11-07
    15 <150> PRIOR APPLICATION NUMBER: US 60/246,676
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    18 <150> PRIOR APPLICATION NUMBER: US 60/311,018
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    25 <151> PRIOR FILING DATE: 2001-09-28
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    29 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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RAW SEQUENCE LISTING

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Output Set: N:\CRF3\12192001\J005983.raw

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RAW SEQUENCE LISTING DATE: 12/19/2001 PATENT APPLICATION: US/10/005,983 TIME: 16:47:19

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163				34	0				34	5				2.5	. 0	
164 A	Asp	Asp	Th:	r Se	r Tv	r Th	r Al	a Se	r G1	. C1	111 7.7	- T-	01	35	0	u Glu
165		_	35	5			~	36	U GT	u Gi	Lu A	La Le	u GI	y As	b GI	u Glu
166 A	Asp	$Il\epsilon$	va:	l Gli	1 A1.	а А1:	a λ ~	~ (1)	אם	- m1	01	_	36	5		r Leu
167	-	370)		<u> </u>	u ni	37	a GT	y Al	a Tr	ır GJ			r Va	1 Ty	r Leu
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176 C 177	уs	Leu	Ser	Asr	Asp	Lys	Tyr	Ser	His	s Gl	u Gl	יו דע	r Se	r Aei	n Cl,	7 7 1 2
178 L 179 4	eu	Ser	Ile	Leu	Gln	Tyr	Pro	Tvr	Asr	As	n G1	77 TT 77	ν . 	r T 0.	. D	
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180 T	yr	Lys	Arg	Glu	Arq	Asn	Lvs	Ara	Sar	- тh	*/ * Cl		. m.			480
181			-		485			9	561	490	r Gr	11 116	e Thi	r va.		
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186 II 187		zav vat	нта	THE	Thr	Pne	He	Val	Arg	Arc	J Lei	ı Phe	His	Pro	Gln	Pro
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188 Hi 189 54	LSE	arg	GIn	Arg	Lys	Glu	Ser	Glu	Thr	Glr	Cys	Gln	Thr	Glu	Ser	Lve
190 Ту 191	r P	Asp	Ser	Val	Ser	Ala	Asp	Val	Ser	Asp	Asr	Ser	Tro	Δen	Aen	Mot
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192 Ly 193	s 1	'yr	Ser	Gly	Tyr	Val	Ser	Ara	Tvr	Len	Thr	· Aen	Dho	C1	J/J	- 1
194 G1 195	n C	Ys	Met	Gly	Arg	Glv	Glv	Phe	Glv	Va 1	Va I	Dha	01	590	_	_
196 Ly 197	s V	al	Asp	Asp	Cvs	Agn	Ττιν	712	т1.	T		3	605			
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198 Ar			Len	Δla	Δτα	C1.,	013	17 1	37 - 1	_		620				
198 Ar 199 62	5		cu	niu	Ary	630	ьуѕ	vaı	Met	Arg	Glu	Val	Lys	Ala	Leu	Ala
		en (G l 11	Uic	Dro	030	- 1 -		_		635					640
200 Ly 201	~ 11	-u '	JIU	1112	ET.O	стХ	тте	val	Arg	Tyr	Phe	Asn	Ala	${\tt Trp}$	Leu	Glu
202 Th	L P	10 1	PIO	GIU	гāг	Trp	Gln	Glu	Glu	Met	Asp	Glu	Ile	Trp	Leu	Lvs
204 As _l 205	p G	⊥u S	ser	1'hr	Asp	Trp	Pro	Leu	Ser	Ser	Pro	Ser	Pro	Met	Asp	Ala
206 Pro 207	o S	er \	Val :	Lys	Ile	Arg .	Arg	Met	Asp	Pro	Phe	Ser	Thr	Lve	Glu	Gln
208 Ile 209 705	€ G.	lu V	/al :	Ile .	Ala	Pro	Ser	Pro (Glu	Ara	Ser	Δτα	San	Dha	0	37- 1
210 Gl _y 211	/ I	le S	Ser (Cys (Gly (Gln '	Thr :	Ser (Ser	Sar	713	Cor	Q1	D.L.	_	720
211					725		(I	CI	227	GIU	ser	GIN	ьиe		Pro
										730					735	

RAW SEQUENCE LISTING

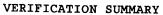
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Output Set: N:\CRF3\12192001\J005983.raw

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